

## Experiment 16

**create a Simple Web Application using Java or Python and host it in any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Platform as a Service (PaaS)**

The screenshot shows the 'Create Web App' page in the Microsoft Azure portal, specifically the 'Basics' tab. The page is titled 'Create Web App' and includes a search bar and navigation links. The 'Project Details' section shows the subscription 'Azure for Students' and resource group 'hemanth'. The 'Instance Details' section shows the name 'hemanthvm', publish type 'Code', runtime stack 'Go 1.19 (Experimental)', and operating system 'Linux'. The 'Review + create' button is visible at the bottom.

Microsoft Azure

Home > App Services > Create Web App

Basics Deployment Networking Monitoring Tags Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

**Project Details**

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* Azure for Students

Resource Group \* hemanth

Create new

**Instance Details**

Need a database? Try the new Web + Database experience.

Name \* hemanthvm .azurewebsites.net

Publish \* ☒ Code ☐ Docker Container ☐ Static Web App

Runtime stack \* Go 1.19 (Experimental)

Operating System \* ☒ Linux ☐ Windows

Review + create < Previous Next : Deployment >

The screenshot shows the 'Create Web App' page in the Microsoft Azure portal, specifically the 'Review + create' tab. The page displays a summary of the configuration, including the subscription, resource group, name, publish type, runtime stack, and operating system. It also shows the App Service Plan details, including the name, operating system, region, SKU, size, and ACU. The 'Create' button is visible at the bottom.

Microsoft Azure

Home > App Services > Create Web App

Basics Deployment Networking Monitoring Tags Review + create

**Summary**

Web App by Microsoft

Basic (B1) sku

Estimated price - loading ...

**Details**

Subscription	e25e1a61-2b3e-412f-82b2-81bc4fc6692e
Resource Group	hemanth
Name	hemanthvm
Publish	Code
Runtime stack	Go 1.19 (Experimental)
Tags	cloud: 20

**App Service Plan (New)**

Name	ASP-hemanth-94c6
Operating System	Linux
Region	South India
SKU	Basic
Size	Small
ACU	100 total ACU

Create < Previous Next > Download a template for automation

Microsoft Azure portal showing the deployment details for a web app. The deployment is complete, and the status is "Your deployment is complete". The deployment name is "Microsoft.Web-WebApp-Portal-d7ecb18e-aab7". The start time is "20/10/2023, 08:30:20". The correlation ID is "53dc9dd2-8327-4448-acb7-ef7326b5718".

Deployment details:

- Deployment name: Microsoft.Web-WebApp-Portal-d7ecb18e-aab7
- Subscription: Azure for Students
- Resource group: hemanth
- Start time: 20/10/2023, 08:30:20
- Correlation ID: 53dc9dd2-8327-4448-acb7-ef7326b5718

Next steps:

- Manage deployments for your app. Recommended
- Protect your app with authentication. Recommended

Go to resource

Give feedback

Tell us about your experience with deployment

Deployment succeeded

Deployment "Microsoft.Web-WebApp-Portal-d7ecb18e-aab7" to resource group "hemanth" was successful.

Go to resource

Pin to dashboard

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure. Go to Microsoft Defender for Cloud >

Free Microsoft tutorials

Start learning today

Work with an expert

Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert >



## Your web app is running and waiting for your content

Your web app is live, but we don't have your content yet. If you've already deployed, it could take up to 5 minutes for your content to show up, so come back soon.



Haven't deployed yet?  
Use the deployment center to publish code or set up continuous deployment.

[Deployment center](#)

Starting a new web site?  
Follow our Quickstart guide to get a web app ready quickly.

[Quickstart](#)

hemanthvm - Microsoft Azure | hemanth642/cloud-computing | portal.azure.com/#@h11228939outlook.onmicrosoft.com/resource/subscriptions/e25e1a61-2b3e-412f-82b2-81bc4fc6692e/resourcegroups/hemanth/providers/Microsoft.Web/sites/hemanthvm

Microsoft Azure | Search resources, services, and docs (G+)

Home > Microsoft.Web-WebApp-Portal-d7ecb18e-aab7 | Overview >

### hemanthvm

Web App

Search | Browse | Stop | Swap | Restart | Delete | Refresh | Download publish profile | Reset publish profile | Share to mobile | Send us your feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Events (preview)

Deployment

Deployment slots

Deployment Center

Settings

Configuration

Authentication

Application Insights

Identity

Backups

Custom domains

Essentials

Resource group (move) : [hemanth](#)

Status : Running

Location (move) : South India

Subscription (move) : [Azure for Students](#)

Subscription ID : e25e1a61-2b3e-412f-82b2-81bc4fc6692e

Tags (edit) : cloud : 20

Default domain : [hemanthvm.azurewebsites.net](#)

App Service Plan : [ASP-hemanth-94c6 \(B1: 1\)](#)

Operating System : Linux

Health Check : [Error fetching health check data. Please try again later.](#)

JSON View

Properties

Monitoring

Logs

Capabilities

Notifications

Recommendations

Web app

Name	hemanthvm
Publishing model	Code
Runtime Stack	Go - 1.19

Domains

Default domain	<a href="#">hemanthvm.azurewebsites.net</a>
Custom domain	<a href="#">Add custom domain</a>

Hostings

Deployment Center

Deployment logs	<a href="#">View logs</a>
Last deployment	Loading deployments...
Deployment provider	None

Application Insights

Name	Not supported. <a href="#">Learn more</a>
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Networking

Virtual IP address	40.78.194.97
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